

Gap fraction vs Q_0 for $70 < \sqrt{P_T} < 90$ $2 < |\Delta y| < 3$, Leading Jet

Gap fraction

Ratio to ATLAS

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

2

1

0.5

20

40

60

80

90

 Q_0 [GeV]

ATLAS



Pythia 6.428 345



Pythia 6.428 346



Pythia 6.428 370



Pythia 6.428 default



Pythia 8.315 default

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

20

40

60

80

90

 Q_0 [GeV]